






There are 4 categories of parts required to build an electric vacuum press system.

1. Vacuum Pump
2. Main Kit Components
3. Misc. Hardware Store Items (EVS kits only)
4. Vacuum Bag

<b>- Electric Vacuum Press Kits &amp; Systems -</b>					
	<b>Project: EVS™ Auto-Cycling Kit +Gast 1.1 CFM Vacuum Pump</b>	<b>Project: EVS™ Auto-Cycling Kit +Thomas 3 CFM Vacuum Pump</b>	<b>Project: EVS™ Auto-Cycling Kit +Gast 5.5 CFM Vacuum Pump</b>	<b>Excel 1™ Continuous Run System With Gast 1.1 CFM Vacuum Pump</b>	<b>Excel 5™ Continuous Run System With Gast 5.5 CFM Vacuum Pump</b>
<b>Type</b>	Auto-Cycling	Auto-Cycling	Auto-Cycling	Continuous	Continuous
<b>Max Bag Size</b> Flat work: Curved work:	4' x 4' 2' x 4'	4' x 8' 4' x 4'	4' x 12' 4' x 6'	4' x 4' 2' x 4'	4' x 12' 4' x 6'
<b>Vacuum CFM</b>	1.1 CFM	3.15 CFM	5.5 CFM	1.1 CFM	5.5 CFM
<b>Max Pressure</b>	25.5" Hg	25.5" Hg	25.5" Hg	25.5" Hg	25.5" Hg
<b>Max Force</b>	1800 lbs per square ft.	1800 lbs per square ft.	1800 lbs per square ft.	1800 lbs per square ft.	1800 lbs per square ft.
<b>Adjustable Vacuum</b>	Yes (Vacuum Controller)	Yes (Vacuum Controller)	Yes (Vacuum Controller)	Yes (Bleeder Valve)	Yes (Bleeder Valve)
<b>Noise*</b>	45 dB	74 dB	74 dB	45 dB	74 dB
<b>Evacuation Time** (4x4 Bag to 21" Hg)</b>	319 seconds	129 seconds	84 seconds	174 seconds	46 seconds
<b>Build Time (approx)</b>	4 to 6 hours	4 to 6 hours	4 to 6 hours	20 to 30 minutes	20 to 30 minutes
<b>Additional items not included with the kit</b>	Misc. hardware store items, vacuum pump	Misc. hardware store items, vacuum pump	Misc. hardware store items, vacuum pump	None	None
<b>Kit Regular Price</b>	\$179.95	\$179.95	\$179.95	\$349.00	\$459.00
<b>Kit Sale Price</b>	\$148.90	\$148.90	\$148.90	\$299.50	\$399.50
<b>Pump Price</b>	\$195.00	\$119.00	\$309.90	(included in kit)	(included in kit)
<b>Total Cost to Build*</b>	\$389.00	\$313.00	\$503.00	\$299.50	\$399.50
<b>Vacuum Clamping</b>	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$29.90)	Yes, w/ optional kit (\$29.90)
<b>Vacuum Chucking</b>	Yes (small projects)	Yes	Yes	Yes (small projects)	Yes
<b>Vacuum Forming</b>	Yes	Yes	Yes	Yes	Yes
<b>Instructions</b>	Website & PDF	Website & PDF	Website & PDF	PDF	PDF
<b>Advantages</b>	Very quiet, fully adjustable, and highly adaptable to other uses such as vacuum clamping.	Fast vacuum draw, fully adjustable, and highly adaptable to other uses such as vacuum clamping.	Very fast vacuum draw, fully adjustable, and highly adaptable to other uses such as vacuum clamping.	Fully adjustable and very quiet. Makes vacuum clamping a breeze and is very easy to assemble.	Fully adjustable, can handle very large vacuum projects, and makes vacuum clamping as easy as can be.
<b>Disadvantages</b>	A bit heavy and takes a little more time to build than a comparable Excel kit.	A bit heavy and takes a little more time to build than a comparable Excel kit.	A bit heavy and takes a little more time to build than a comparable Excel kit.	Limited to a maximum 4' x 4' bag, but few users need anything larger.	A bit loud and is best for commercial or industrial environments.
<b>Comments</b>	From a price and speed standpoint, it makes more sense to go with the rebuilt Thomas pump instead.	Perfect for the user who needs portability or wants an affordable and all-electric vacuum press system.	Perfect for the user who needs portability or wants an affordable and all-electric vacuum press system.	Need a system quickly? This is it. Get the vacuum clamping add- on. It's worth the 30 bucks.	Surprisingly powerful. A great choice if the volume isn't an issue. The clamping add-on is worth the 30 bucks.
<b>Image</b>					






\* Estimated  
\*\* Estimated for flat panels

There are 4 categories of parts required to build an air powered vacuum press system.

1. Air Compressor
2. Main Kit Components
3. Misc. Hardware Store Items
4. Vacuum Bag

**- Air Powered Vacuum Press Kits -**

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	<b>Project: V2™ Mini Auto-Cycling Venturi System</b>	<b>Project: V2™ Basic Auto-Cycling Venturi System</b>	<b>Project: V2™ Plus Auto-Cycling Venturi System</b>	<b>Project: V2™ Premium 5 Auto-Cycling Venturi System</b>	<b>Project: V2™ Premium 9 Auto-Cycling Venturi System</b>
<b>Type</b>	Auto-Cycling	Auto-Cycling	Auto-Cycling	Auto-Cycling	Auto-Cycling
<b>Max Bag Size</b> Flat work: Curved work:	2' x 4' 2' x 2'	4' x 4' 2' x 4'	4' x 8' 4' x 4'	4' x 12' 4' x 6'	4' x 15' 4' x 8'
<b>Vacuum CFM</b>	.5 CFM	1.2 CFM	3.2 CFM	5.5 CFM	9 CFM
<b>Max Pressure</b>	27.5" Hg	27.5" Hg	27.5" Hg	27.5" Hg	27.5" Hg
<b>Max Force</b>	1925 lbs per square foot	1925 lbs per square foot	1925 lbs per square foot	1925 lbs per square foot	1925 lbs per square foot
<b>Adjustable Vacuum</b>	Yes (Vacuum Controller)	Yes (Vacuum Controller)	Yes (Vacuum Controller)	Yes (Vacuum Controller)	Yes (Vacuum Controller)
<b>Air Compressor Output Requirement</b>	.8 CFM at 80 PSI	1.8 CFM @ 80 PSI	4.8 CFM @ 80 PSI	7.8 CFM @ 80 PSI	12.5 CFM @ 80 PSI
<b>Noise*</b>	68 dB	68 dB	68 dB	68 dB	68 dB
<b>Evacuation Time** (4x4 Bag to 21" Hg)</b>	262 seconds	118 seconds	66 seconds	38 seconds	25 seconds
<b>Build Time (approx)</b>	2 to 3 hours	2 to 3 hours	2 to 3 hours	2 to 3 hours	2 to 3 hours
<b>Additional items not included with the kit</b>	Misc. items from the hardware store	Misc. items from the hardware store	Misc. items from the hardware store	Misc. items from the hardware store	Misc. items from the hardware store
<b>Kit Regular Price</b>	\$159.95	\$159.95	\$169.50	\$269.99	\$297.99
<b>Kit Sale Price</b>	\$139.50	\$139.50	\$149.50	\$235.00	\$263.00
<b>Total Cost to Build*</b>	\$169.50	\$169.50	\$179.50	\$265.00	\$293.00
<b>Vacuum Clamping</b>	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)	Yes, w/ optional kit (\$82.50)
<b>Vacuum Chucking</b>	No	Yes (small projects)	Yes	Yes	Yes
<b>Vacuum Forming</b>	Yes	Yes	Yes	Yes	Yes
<b>Instructions</b>	Website & PDF	Website & PDF	Website & PDF	PDF	PDF
<b>Advantages</b>	Great for very small compressors, very easy to build and ultra-reliable.	Great for small compressors, very easy to build and of course it's ultra-reliable.	Very reliable and easy to build. Great vacuum speed at a super low cost.	Not only is it easy to build, it's also reliable and quite speedy. You'll be surprised!	A system like this can handle almost any veneering project that you can imagine.
<b>Disadvantages</b>	It's not as fast as some users prefer but it does generate 27.5" Hg.	Faster than the Mini version but not as fast as the other kits offered here.	Requires a small to medium size compressor but it's very efficient with the air.	Requires a decent size air compressor and uses a lot of air while creating vacuum.	Requires a decent size air compressor and uses a lot of air while creating vacuum.
<b>Comments</b>	This system is best suited for smaller projects but if you own a small air compressor, it's not a bad deal.	If your compressor will allow it, spend an extra 10 bucks to get the "Plus" model. It's a very worthwhile upgrade.	This is the kit that gives you the most bang for your buck. This is one of my favorite vacuum presses.	The upgraded parts cause a jump in price but overall, this is a very cost effective vacuum press system.	The powerhouse of the air driven systems. Worth every penny if your air compressor will support it.
<b>Image</b>					

\* Estimated

\*\* Estimated for flat panels